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(54) **FRAME STRUCTURE AND SIGNALING ARRANGEMENT FOR INTERFERENCE AWARE SCHEDULING**

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(57) **ABSTRACT**

Frame structures and signaling arrangements for interference aware scheduling may be applicable to a local area radio system to complement existing wide area cellular systems, like GSM/UMTS/HSPA/LTE. In certain embodiments a method is provided including preparing a frame for transmission in a wireless communication system. The method can also include incorporating an interference report into the frame. The interference report is directly associated with a corresponding resource. The method can further include transmitting the interference report within the frame in the wireless communication system.